

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 16, 2005, 09:18:37 ; Search time 35 Seconds
(without alignments)
243.143 Million cell updates/sec

Title: US-10-062-831-59

Perfect score: 608

Sequence: 1 MARGSLRRLLRLVLGLWLA.....LSGFLVWRRCRRSSPPX 114

Scoring table: BLOSUM62DX

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/prodata/1/iaa/5A COMB.pep.*
2: /cgn2_6/prodata/1/iaa/5B COMB.pep.*
3: /cgn2_6/prodata/1/iaa/6A COMB.pep.*
4: /cgn2_6/prodata/1/iaa/6B COMB.pep.*
5: /cgn2_6/prodata/1/iaa/PCTUS COMB.pep.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	608	100.0	114	4	US-09-690-454-59
2	572	94.1	129	4	US-09-883-777-4
3	572	94.1	129	4	US-09-949-016-6914
4	572	94.1	129	4	US-09-742-454A-4
5	451	74.2	129	4	US-09-883-777-5
6	451	74.2	129	4	US-09-742-454A-5
7	433	71.2	309	4	US-09-883-777-7
8	433	71.2	309	4	US-09-742-454A-7
9	379.5	62.4	300	4	US-09-883-777-9
10	274.5	45.1	112	4	US-09-489-847-139
11	274.5	45.1	155	4	US-09-489-847-284
12	274.5	45.1	156	4	US-09-489-847-228
13	96.5	15.9	248	4	US-09-352-991A-29249
14	88.5	14.6	400	4	US-09-352-991A-26145
15	87.5	14.4	631	4	US-09-252-991A-20063
16	83.5	13.7	152	4	US-09-252-991A-31619
17	80.5	13.2	249	4	US-09-352-991A-29850
18	77	12.7	250	4	US-09-322-409-31
19	77	12.7	250	4	US-09-451-527-31
20	77	12.7	276	4	US-09-322-409-26
21	77	12.7	276	4	US-09-451-527-26
22	75	12.3	334	4	US-09-352-991A-18795
23	74.5	12.3	305	4	US-09-352-991A-21147
24	73.5	12.1	187	3	US-09-199-637A-287
25	73.5	12.1	187	4	US-09-352-991A-21454
26	72.5	11.9	365	4	US-09-949-016-6907
27	72.5	11.9	391	4	US-09-949-016-7325

28	72.5	11.9	478	4	US-09-252-991A-22078	Sequence 22078, A
29	72	11.8	1278	4	US-09-462-136-2	Sequence 2, Appli
30	72	11.8	1318	4	US-09-949-016-10152	Sequence 10152, A
31	72	11.8	3724	2	US-08-804-227C-10	Sequence 10, Appli
32	72	11.8	3724	2	US-08-804-198-4	Sequence 4, Appli
33	71.5	11.8	402	4	US-09-252-991A-18195	Sequence 18195, A
34	70	11.5	156	4	US-09-502-540-12764	Sequence 12764, A
35	69.5	11.4	176	4	US-09-252-991A-25290	Sequence 25290, A
36	69	11.3	144	4	US-09-252-991A-17313	Sequence 17313, A
37	69	11.3	152	4	US-09-252-991A-24730	Sequence 24730, A
38	69	11.3	153	4	US-09-252-991A-20688	Sequence 20688, A
39	69	11.3	180	4	US-09-949-016-6478	Sequence 6478, Ap
40	69	11.3	215	3	US-09-220-528-104	Sequence 104, App
41	69	11.3	282	4	US-09-252-991A-29124	Sequence 29124, A
42	69	11.3	366	4	US-09-252-991A-31958	Sequence 31958, A
43	69	11.3	511	4	US-09-252-991A-28223	Sequence 28223, A
44	68.5	11.3	127	4	US-09-489-039A-10884	Sequence 10884, A
45	68.5	11.3	205	2	US-08-775-009-37	Sequence 37, Appli

ALIGNMENTS

RESULT 1

US-09-690-454-59
; Sequence 59, Application US/09690454
; Patent No. 6531447
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: P2006P1
; CURRENT APPLICATION NUMBER: US/09/690,454
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-09-690-454-59

Query Match 100.0%; Score 608; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 6e-59;
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MARGSLRRLLRLVLGLWLA...LSGFLVWRRCRRSSPPXADLDKMDCASCRAPH 60
Db 1 MARGSLRRLLRLVLGLWLA...LSGFLVWRRCRRSSPPXADLDKMDCASCRAPH 60

QY 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 114
Db 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 114

RESULT 2
US-09-883-777-4
; Sequence 4, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-883-777-4

Query Match 94.1%; Score 572; DB 4; Length 129;
Best Local Similarity 93.9%; Pred. No. 5.1e-54;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
Db 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
QY 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 114
Db 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 3
US-09-949-016-6914
; Sequence 6914, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6914
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6914

Query Match 94.1%; Score 572; DB 4; Length 129;
Best Local Similarity 93.9%; Pred. No. 5.1e-54;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
Db 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
QY 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 114
Db 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 4
US-09-742-454A-4
; Sequence 4, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match 94.1%; Score 572; DB 4; Length 129;
Best Local Similarity 93.9%; Pred. No. 5.1e-54;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
Db 1 MARGSLRLLRLVGLWALILRSVAGEQAPCTAPCSRGSWSADLDKCMDCASCRRPH 60
QY 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 114
Db 61 SDFCLGCAAAPAPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 5
US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

Query Match 74.2%; Score 451; DB 4; Length 129;
Best Local Similarity 74.6%; Pred. No. 5.1e-41;
Matches 85; Conservative 7; Mismatches 22; Indels 0; Gaps 0;

QY 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 1 MAPGWPRSLPQILVLGFLVLMRAAAGEQAPGTSPCSRSGSSWSADLDKCMDCASCARPH 60
QY 61 SDFCLGCAAAPAPFRLLPILGGALSLTFVLGLLSGFLVWRRCRRERSPPPX 114
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Db 61 SDFCLGCAAAPAPFRLLPILGGALSLVLLVLAALVSSFLVWRRCRRERKFTTPI 114

RESULT 6

US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-742-454A-5

Query Match 74.2%; Score 451; DB 4; Length 129;
Best Local Similarity 74.6%; Pred. No. 5.1e-41;
Matches 85; Conservative 7; Mismatches 22; Indels 0; Gaps 0;

QY 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
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Db 1 MAPGWPRSLPQILVLGFLVLMRAAAGEQAPGTSPCSRSGSSWSADLDKCMDCASCARPH 60
QY 61 SDFCLGCAAAPAPFRLLPILGGALSLTFVLGLLSGFLVWRRCRRERSPPPX 114
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 61 SDFCLGCAAAPAPFRLLPILGGALSLVLLVLAALVSSFLVWRRCRRERKFTTPI 114

RESULT 7

US-09-883-777-7
; Sequence 7, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human TWEAK receptor fusion protein construct
US-09-883-777-7

Query Match 71.2%; Score 433; DB 4; Length 309;
Best Local Similarity 74.1%; Pred. No. 1.2e-38;
Matches 83; Conservative 2; Mismatches 5; Indels 22; Gaps 1;
QY 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
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Db 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
QY 61 SDFCLGCAAAPAPFRLLPILGGALSLTFVLGLLSGFLVWRRCRRERSPP 112
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Db 61 SDFCLGCAAAPAPFRLLPILGGALSLVLLVLAALVSSFLVWRRCRRERKFTTPI 90

RESULT 8

US-09-742-454A-7
; Sequence 7, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: human TWEAK
; OTHER INFORMATION: receptor fusion protein construct
US-09-742-454A-7

Query Match 71.2%; Score 433; DB 4; Length 309;
Best Local Similarity 74.1%; Pred. No. 1.2e-38;
Matches 83; Conservative 2; Mismatches 5; Indels 22; Gaps 1;
QY 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCARPH 60
QY 61 SDFCLGCAAAPAPFRLLPILGGALSLTFVLGLLSGFLVWRRCRRERSPP 112
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 61 SDFCLGCAAAPAPFRLLPILGGALSLVLLVLAALVSSFLVWRRCRRERKFTTPI 90

RESULT 9

US-09-883-777-9
; Sequence 9, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 309

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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human TWEAK receptor fusion protein construct
US-09-883-777-9

Query Match      62.4%; Score 379.5; DB 4; Length 300;
Best Local Similarity 88.0%; Pred. No. 6.5e-33;
Matches 73; Conservative 0; Mismatches 1; Indels 9; Gaps 1;

QY 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCASCRARPH 60
   |||||||
Db 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCASCRARPH 60
   |||||||

QY 61 SDFCLGCAAA-----PPAP 74
   |||||||
Db 61 SDFCLGCAAAARSDKTHTCPPCP 83
   |||||||

RESULT 10
US-09-489-847-139
; Sequence 139, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 139
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-139

Query Match      45.1%; Score 274.5; DB 4; Length 112;
Best Local Similarity 96.4%; Pred. No. 4e-22;
Matches 54; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

QY 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCAS-SC 55
   |||||||
Db 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCSTSC 56
   |||||||

RESULT 11
US-09-489-847-284
; Sequence 284, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 139
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-139

Query Match      45.1%; Score 274.5; DB 4; Length 112;
Best Local Similarity 96.4%; Pred. No. 4e-22;
Matches 54; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

QY 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCAS-SC 55
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Db 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCSTSC 56
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RESULT 12
US-09-489-847-228
; Sequence 228, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 228
; LENGTH: 156
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (156)
; OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-228

Query Match      45.1%; Score 274.5; DB 4; Length 156;
Best Local Similarity 96.4%; Pred. No. 5.8e-22;
Matches 54; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

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Db 1 MARGSLRRLRLVLLGLWLLALLRSVAGEQAPGTPCSRGSWSADLDKCMDCSTSC 56
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RESULT 13
US-09-252-991A-29249
; Sequence 29249, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
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RESULT 15
; US-09-252-991A-20063
; Sequence 20063, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 16, 2005, 09:26:36 ; Search time 140 Seconds
(without alignments)
272.014 Million cell updates/sec

Title: US-10-062-831-59
Perfect score: 608
Sequence: 1 MARGSLRLLRLVLLGLMLA.....LSGFLVWRRCRRSSPPXP 114

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 1432185 seqs, 334051727 residues

Total number of hits satisfying chosen parameters: 1432185

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA.*

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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
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13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	572	94.1	129	9	US-09-742-454A-4
4	572	94.1	129	9	US-09-742-454A-7
5	572	94.1	129	9	US-09-883-777-4
6	572	94.1	129	14	US-10-024-298A-178
7	572	94.1	129	14	US-10-042-211A-178
8	572	94.1	129	15	US-10-331-496A-37
9	572	94.1	129	15	US-10-295-027-444
10	572	94.1	129	15	US-10-295-027-1305
11	572	94.1	129	15	US-10-617-217A-178
12	572	94.1	129	17	US-10-898-575-4
13	451	74.2	129	9	US-09-742-454A-5

14	451	74.2	129	9	US-09-883-777-5
15	451	74.2	129	17	US-10-898-575-5
16	443	72.9	361	17	US-10-898-575-11
17	438.5	72.1	362	17	US-10-898-575-9
18	433	71.2	309	9	US-09-742-454A-7
19	433	71.2	309	9	US-09-883-777-7
20	433	71.2	309	17	US-10-898-575-7
21	428	70.4	413	17	US-10-898-575-13
22	379.5	62.4	300	9	US-09-883-777-9
23	282	46.4	282	17	US-10-898-575-44
24	274.5	45.1	112	15	US-10-351-334-139
25	274.5	45.1	155	15	US-10-351-334-284
26	274.5	45.1	156	15	US-10-351-334-228
27	268	44.1	291	17	US-10-898-575-31
28	267	43.9	335	17	US-10-898-575-33
29	267	43.9	379	17	US-10-898-575-35
30	267	43.9	423	17	US-10-898-575-37
31	267	43.9	467	17	US-10-898-575-39
32	267	43.9	511	17	US-10-898-575-41
33	267	43.9	555	17	US-10-898-575-43
34	258.5	42.5	288	17	US-10-898-575-21
35	255	41.9	329	17	US-10-898-575-23
36	255	41.9	370	17	US-10-898-575-25
37	255	41.9	411	17	US-10-898-575-27
38	255	41.9	452	17	US-10-898-575-29
39	252	41.4	322	17	US-10-898-575-19
40	250	41.1	339	17	US-10-898-575-18
41	248	40.8	275	17	US-10-898-575-15
42	241	39.6	292	17	US-10-898-575-17
43	97.5	16.0	171	14	US-10-251-947-4
44	97.5	16.0	171	14	US-10-251-947-7
45	97.5	16.0	185	14	US-10-251-947-2

ALIGNMENTS

RESULT 1
US-10-062-831-59
; Sequence 59, Application US/10062831
; Publication No. US20030105297A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/10/062,831
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/US98/10868
; PRIOR FILING DATE: May 28, 1998
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114

Mon May 16 10:34:36 2005

us-10-062-831-59.rapb

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; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-831-59

Query Match      100.0%; Score 608; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 4.9e-50;
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60
DB 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60

QY 61 SDFCLGCAAAPAPFRLWLPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114
DB 61 SDFCLGCAAAPAPFRLWLPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114

RESULT 2
US-10-062-599-59
; Sequence 59, Application US/10062599
; Publication No. US20030195346A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: P2006P1
; CURRENT APPLICATION NUMBER: US/10/062,599
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-599-59

Query Match      100.0%; Score 608; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 4.9e-50;
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60
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; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-831-59

Query Match      100.0%; Score 608; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 4.9e-50;
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60
DB 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60

QY 61 SDFCLGCAAAPAPFRLWLPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114
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RESULT 3
US-09-742-454A-4
; Sequence 4, Application US/09742454A
; Patent No. US20020041876A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-742-454A-4

Query Match      94.1%; Score 572; DB 9; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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QY 61 SDFCLGCAAAPAPFRLWLPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114
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RESULT 4
US-09-883-777-4
; Sequence 4, Application US/09883777
; Patent No. US20020110853A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: homo sapiens
; OTHER INFORMATION:
US-09-883-777-4

Query Match      94.1%; Score 572; DB 9; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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DB 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKMDCASCRARPH 60
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QY 61 SDFCLGCAAAAPPAPFRLLPILGGALSLTFVLGSLGFLVWRCRRRSPPPX 114
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RESULT 5

US-10-024-298A-178
; Sequence 178, Application US/10024298A
; Publication No. US20030143540A1
; GENERAL INFORMATION:
; APPLICANT: ASAHU KASEI KABUSHIKI KAISHA
; APPLICANT: AKIO MATSUDA
; APPLICANT: GOICHI HONDA
; APPLICANT: SHUJI MURAMATSU
; APPLICANT: YUKIKO NAGANO
; TITLE OF INVENTION: NF-K B Activating Gene
; FILE REFERENCE: 1254-0191P
; CURRENT APPLICATION NUMBER: US/10/024,298A
; CURRENT FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: 60/314,385
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/278,641
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP254018/2001
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: JP0088912/2001
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP402288/2000
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-024-298A-178

Query Match 94.1%; Score 572; DB 14; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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RESULT 6

US-10-042-211A-178
; Sequence 178, Application US/10042211A
; Publication No. US20030170719A1
; GENERAL INFORMATION:
; APPLICANT: MATSUDA, AKIO et al.
; FILE REFERENCE: 1254-0192P
; CURRENT APPLICATION NUMBER: US/10/042,211A
; CURRENT FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-088912
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-254018
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/278,640
; PRIOR FILING DATE: 2001-03-26

; PRIOR APPLICATION NUMBER: US 60/314,385
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-042-211A-178

Query Match 94.1%; Score 572; DB 14; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
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Db 1 MARGSLRRLRLVLGLMLALLRSVAGEQAPGTAPCSRGSWSADLDKCMDCASCRRPH 60
QY 61 SDFCLGCAAAAPPAPFRLLPILGGALSLTFVLGSLGFLVWRCRRRSPPPX 114
Db 61 SDFCLGCAAAAPPAPFRLLPILGGALSLTFVLGSLGFLVWRCRRRREKFTTPI 114

RESULT 7

US-10-331-496A-37
; Sequence 37, Application US/10331496A
; Publication No. US20030228305A1
; GENERAL INFORMATION:
; APPLICANT: FRANTZ, GRETCHEN
; APPLICANT: HILLAN, KENNETH J.
; APPLICANT: PHILLIPS, HEIDI S.
; APPLICANT: POLAKIS, PAUL
; APPLICANT: SMITH, VICTORIA
; APPLICANT: SPENCER, SUSAN D.
; APPLICANT: WILLIAMS, P. MICKEY
; APPLICANT: WU, THOMAS D.
; APPLICANT: ZHANG, ZEMIN
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P5014R1-PCT
; CURRENT APPLICATION NUMBER: US/10/331,496A
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/345,444
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US 60/351,885
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: US 60/360,066
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/362,004
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/366,869
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: US 60/366,284
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/368,679
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/404,809
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/405,645
; PRIOR FILING DATE: 2002-08-21
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-331-496A-37

Query Match 94.1%; Score 572; DB 15; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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Db 61 SDFCLGCAAAPPPAPFRLWLPILGGALSLTFVLGSLGFLVWRRCRERSPPPX 114

RESULT 8

US-10-295-027-444

Sequence 444, Application US/10295027

Publication No. US20030232350A1

GENERAL INFORMATION:

APPLICANT: Afar, Daniel

APPLICANT: Aziz, Nataasha

APPLICANT: Ginsberg, Wendy M.

APPLICANT: Gish, Kurt C.

APPLICANT: Glynn, Richard

APPLICANT: Hevezi, Peter A.

APPLICANT: Mack, David H.

APPLICANT: Murray, Richard

APPLICANT: Watson, Susan R.

APPLICANT: Eos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and

FILE OF INVENTION: Methods of Screening for Modulators of Cancer

FILE REFERENCE: 018501-012500US

CURRENT APPLICATION NUMBER: US/10/295,027

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US 09/663,733

PRIOR FILING DATE: 2000-09-15

PRIOR APPLICATION NUMBER: US 60/350,666

PRIOR FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: US 60/335,394

PRIOR FILING DATE: 2001-11-15

PRIOR APPLICATION NUMBER: US 60/332,464

PRIOR FILING DATE: 2001-11-21

PRIOR APPLICATION NUMBER: US 60/334,393

PRIOR FILING DATE: 2001-11-29

PRIOR APPLICATION NUMBER: US 60/340,376

PRIOR FILING DATE: 2001-12-14

PRIOR APPLICATION NUMBER: US 60/347,211

PRIOR FILING DATE: 2002-01-08

PRIOR APPLICATION NUMBER: US 60/347,349

PRIOR FILING DATE: 2002-01-10

PRIOR APPLICATION NUMBER: US 60/355,250

PRIOR FILING DATE: 2002-02-08

PRIOR APPLICATION NUMBER: US 60/356,714

PRIOR FILING DATE: 2002-02-13

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1386

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 444

LENGTH: 129

TYPE: PRT

ORGANISM: Homo sapiens

US-10-295-027-444

Query Match 94.1%; Score 572; DB 15; Length 129;

Best Local Similarity 93.9%; Pred. No. 1.4e-46;

Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKCMDCASCARPH 60

Db 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKCMDCASCARPH 60

Qy 61 SDFCLGCAAAPPPAPFRLWLPILGGALSLTFVLGSLGFLVWRRCRERSPPPX 114

Db 61 SDFCLGCAAAPPPAPFRLWLPILGGALSLTFVLGSLGFLVWRRCRERSPPPX 114

RESULT 9

US-10-295-027-1305

Sequence 1305, Application US/10295027

Publication No. US20030232350A1

GENERAL INFORMATION:

APPLICANT: Afar, Daniel

APPLICANT: Aziz, Nataasha

APPLICANT: Ginsberg, Wendy M.

APPLICANT: Gish, Kurt C.

APPLICANT: Glynn, Richard

APPLICANT: Hevezi, Peter A.

APPLICANT: Mack, David H.

APPLICANT: Murray, Richard

APPLICANT: Watson, Susan R.

APPLICANT: Eos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and

FILE OF INVENTION: Methods of Screening for Modulators of Cancer

FILE REFERENCE: 018501-012500US

CURRENT APPLICATION NUMBER: US/10/295,027

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US 09/663,733

PRIOR FILING DATE: 2000-09-15

PRIOR APPLICATION NUMBER: US 60/350,666

PRIOR FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: US 60/335,394

PRIOR FILING DATE: 2001-11-15

PRIOR APPLICATION NUMBER: US 60/332,464

PRIOR FILING DATE: 2001-11-21

PRIOR APPLICATION NUMBER: US 60/334,393

PRIOR FILING DATE: 2001-11-29

PRIOR APPLICATION NUMBER: US 60/340,376

PRIOR FILING DATE: 2001-12-14

PRIOR APPLICATION NUMBER: US 60/347,211

PRIOR FILING DATE: 2002-01-08

PRIOR APPLICATION NUMBER: US 60/347,349

PRIOR FILING DATE: 2002-01-10

PRIOR APPLICATION NUMBER: US 60/355,250

PRIOR FILING DATE: 2002-02-08

PRIOR APPLICATION NUMBER: US 60/356,714

PRIOR FILING DATE: 2002-02-13

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1386

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 1305

LENGTH: 129

TYPE: PRT

ORGANISM: Homo sapiens

US-10-295-027-1305

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Best Local Similarity 93.9%; Pred. No. 1.4e-46;

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Db 1 MARGSLRLLRLVLGLWLLALLRSVAGEQAPGTAPCSRGSWSADLDKCMDCASCARPH 60

Qy 61 SDFCLGCAAAPPPAPFRLWLPILGGALSLTFVLGSLGFLVWRRCRERSPPPX 114

Db 61 SDFCLGCAAAPPPAPFRLWLPILGGALSLTFVLGSLGFLVWRRCRERSPPPX 114

RESULT 10

US-10-617-217A-178

Sequence 178, Application US/10617217A

Publication No. US20040081986A1

GENERAL INFORMATION:

APPLICANT: MATSUDA, Akio et al.

TITLE OF INVENTION: NF-KB ACTIVATING GENE

FILE REFERENCE: 1254-0229P

CURRENT APPLICATION NUMBER: US/10/617,217A

CURRENT FILING DATE: 2003-07-11

PRIOR APPLICATION NUMBER: JP 2000-402288

PRIOR FILING DATE: 2000-12-28

PRIOR APPLICATION NUMBER: JP 2001-088912

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: JP 2001-254018

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; FILE REFERENCE: 2001-08-24
; PRIOR FILING DATE: 2001-08-24
; CURRENT APPLICATION NUMBER: US 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/278,640
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 60/314,385
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-617-217A-178

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Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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RESULT 11
US-10-898-575-4
; Sequence 4, Application US/10898575
; Publication No. US2005005407A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO MULTIMERIC AND OLIGOMERIC
; TITLE OF INVENTION: SOLUBLE FRAGMENTS OF THE TWEAK RECEPTOR
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575
; PRIOR FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: US 60/490,036
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-898-575-4

Query Match          94.1%; Score 572; DB 17; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAPCSRSGSSWSADLDKCMDCASCRRAPH 60
QY 61 SDFCLGCAAAPAPPFRLLPILGGALSLTFVLGLSGFLVWRCRRERSPPPX 114
Db 61 SDFCLGCAAAPAPPFRLLPILGGALSLTFVLGLSGFLVWRCRREREKFTTPI 114

RESULT 12
US-10-626-686-16
; Sequence 16, Application US/10626686
; Publication No. US20050074842A1
; GENERAL INFORMATION:
; APPLICANT: Kato, Seishi
; APPLICANT: Sekine, Shingo
; APPLICANT: Kimura, Tomoko
; TITLE OF INVENTION: HUMAN PROTEINS HAVING TRANSMEMBRANE
; TITLE OF INVENTION: DOMAINS AND DNAS ENCODING THESE PROTEINS
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; FILE REFERENCE: GIN-6706CPUS
; CURRENT APPLICATION NUMBER: US/10/626,686
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US/09/445,258A
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/02445
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: JP 9-144948
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-626-686-16

Query Match          94.1%; Score 572; DB 17; Length 129;
Best Local Similarity 93.9%; Pred. No. 1.4e-46;
Matches 107; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

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QY 61 SDFCLGCAAAPAPPFRLLPILGGALSLTFVLGLSGFLVWRCRRERSPPPX 114
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RESULT 13
US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. US20020041876A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-742-454A-5

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Db 1 MAPGWPRSLPQILVLGFLVLMRAAAGEQAPGTSPCSGSSWSADLDKCMDCASCRRAPH 60
QY 61 SDFCLGCAAAPAPPFRLLPILGGALSLTFVLGLSGFLVWRCRRERSPPPX 114
Db 61 SDFCLGCAAAPAPPFRLLPILGGALSLVLVLVSSFLVWRCRREREKFTTPI 114

RESULT 14
US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. US20020110853A1
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
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; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
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; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

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RESULT 15
US-10-898-575-5
; Sequence 5, Application US/10898575
; Publication NO. US20050054047A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO MULTIMERIC AND OLIGOMERIC
; TITLE OF INVENTION: SOLUBLE FRAGMENTS OF THE TWEAK RECEPTOR
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: US 60/490,036
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-898-575-5

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Search completed: May 16, 2005, 09:53:24
Job time : 141 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: May 16, 2005, 09:26:36 ; Search time 42.9825 Seconds
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272.014 Million cell updates/sec

Title: US-10-062-831-59_COPY_1_35

Perfect score: 170

Sequence: 1 MARGSLRRLRLVLLGLWALLRSVAGEAQTAP 35

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Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Published Applications AA.*

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- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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- 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	DB ID	Description
1	170	100.0	112 15	US-10-351-334-139 Sequence 139, App
2	170	100.0	114 14	US-10-062-831-59 Sequence 59, Appl
3	170	100.0	114 14	US-10-062-599-59 Sequence 59, Appl
4	170	100.0	129 9	US-09-742-454A-4 Sequence 4, Appl
5	170	100.0	129 9	US-09-883-777-4 Sequence 4, Appl
6	170	100.0	129 14	US-10-024-298A-178 Sequence 178, App
7	170	100.0	129 14	US-10-042-211A-178 Sequence 178, App
8	170	100.0	129 15	US-10-331-496A-37 Sequence 37, Appl
9	170	100.0	129 15	US-10-295-027-444 Sequence 444, App
10	170	100.0	129 15	US-10-295-027-1305 Sequence 1305, App
11	170	100.0	129 15	US-10-617-217A-178 Sequence 178, App
12	170	100.0	129 17	US-10-898-575-4 Sequence 4, Appl
13	170	100.0	129 17	US-10-626-686-16 Sequence 16, Appl

14	170	100.0	155	15	US-10-351-334-284	Sequence 284, App
15	170	100.0	156	15	US-10-351-334-228	Sequence 228, App
16	170	100.0	300	9	US-09-883-777-9	Sequence 9, Appl
17	170	100.0	309	9	US-09-742-454A-7	Sequence 7, Appl
18	170	100.0	309	9	US-09-883-777-7	Sequence 7, Appl
19	170	100.0	309	17	US-10-898-575-7	Sequence 7, Appl
20	170	100.0	361	17	US-10-898-575-11	Sequence 11, Appl
21	170	100.0	362	17	US-10-898-575-9	Sequence 9, Appl
22	170	100.0	413	17	US-10-898-575-13	Sequence 13, Appl
23	97	57.1	129	9	US-09-742-454A-5	Sequence 5, Appl
24	97	57.1	129	9	US-09-883-777-5	Sequence 5, Appl
25	97	57.1	129	17	US-10-898-575-5	Sequence 5, Appl
26	58	34.1	577	16	US-10-437-863-182042	Sequence 182042, A
27	56.5	33.2	671	15	US-10-282-122A-59634	Sequence 59634, A
28	55	32.4	465	14	US-10-156-761-13252	Sequence 13252, A
29	54.5	32.1	1120	15	US-10-262-839-6	Sequence 6, Appl
30	54.5	32.1	1188	15	US-10-291-265-338	Sequence 338, App
31	54.5	32.1	1188	15	US-10-291-265-810	Sequence 810, App
32	54.5	32.1	1189	10	US-09-984-130-35	Sequence 35, Appl
33	54.5	32.1	1189	10	US-09-836-353A-35	Sequence 35, Appl
34	54.5	32.1	1189	15	US-10-262-839-4	Sequence 4, Appl
35	54	31.8	77	9	US-09-764-860-332	Sequence 332, App
36	54	31.8	77	14	US-10-074-095-332	Sequence 332, App
37	54	31.8	77	15	US-10-212-872-332	Sequence 332, App
38	54	31.8	300	9	US-09-953-499-10	Sequence 10, Appl
39	54	31.8	300	14	US-10-265-542-10	Sequence 10, Appl
40	54	31.8	300	16	US-10-633-008-10	Sequence 10, Appl
41	54	31.8	300	16	US-10-785-220-10	Sequence 10, Appl
42	54	31.8	300	16	US-10-785-221-10	Sequence 10, Appl
43	54	31.8	300	16	US-10-785-433-10	Sequence 10, Appl
44	54	31.8	319	10	US-09-847-102A-61	Sequence 61, Appl
45	54	31.8	404	14	US-10-156-761-13020	Sequence 13020, A

ALIGNMENTS

RESULT 1

US-10-351-334-139
; Sequence 139, Application US/10351334
; Publication No. US20040034196A1
; GENERAL INFORMATION:
; APPLICANT: Komatsoulis et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P2
; CURRENT APPLICATION NUMBER: US/10/351,334
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/350,898
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/489,847
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/US99/17130
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: 60/094,657
; PRIOR FILING DATE: 1998-07-30
; PRIOR APPLICATION NUMBER: 60/095,486
; PRIOR FILING DATE: 1998-08-05
; PRIOR APPLICATION NUMBER: 60/096,319
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: 60/095,454
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 60/095,455
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 139
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-351-334-139

Query Match 100.0%; Score 170; DB 15; Length 112;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;

Mon May 16 10:34:32 2005

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Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAP 35

RESULT 2
US-10-062-831-59
; Sequence 59, Application US/10062831
; Publication No. US20030105297A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/10/062,831
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: PCT/US98/10868
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/US98/10868
; PRIOR FILING DATE: May 28, 1998
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-599-59

Query Match 100.0%; Score 170; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAP 35

RESULT 4
US-09-742-454A-4
; Sequence 4, Application US/09742454A
; Patent No. US20020041876A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match 100.0%; Score 170; DB 9; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MARGSLRLLRLVGLWLLALLRSVAGEQAPGTAP 35

RESULT 5
US-09-883-777-4

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Sequence 4, Application US/09883777
Patent No. US20020110853A1
GENERAL INFORMATION:
APPLICANT: Wiley, Steven R.
TITLE OF INVENTION: TWEAK RECEPTOR
FILE REFERENCE: 2968-C
CURRENT APPLICATION NUMBER: US/09/883,777
CURRENT FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: US 60/172,878
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: US 60/203,347
PRIOR FILING DATE: 2000-05-10
PRIOR APPLICATION NUMBER: PCT/US00/34755
PRIOR FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/742,454
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patent in version 3.1
SEQ ID NO 4
LENGTH: 129
TYPE: PRT
ORGANISM: homo sapiens
US-09-883-777-4

Query Match 100.0%; Score 170; DB 9; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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|||||

DB 1 MARGSLRRLRLVLGLWLALLRSVAGEQAPGTAP 35
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RESULT 6
US-10-024-298A-178
Sequence 178, Application US/10024298A
Publication No. US20030143540A1
GENERAL INFORMATION:
APPLICANT: ASAHU KASEI KABUSHIKI KAISHA
APPLICANT: Goichi HONDA
APPLICANT: Shuji MURAMATSU
APPLICANT: Yukiko NAGANO
TITLE OF INVENTION: NF-K B Activating Gene
FILE REFERENCE: 1254-0191P
CURRENT APPLICATION NUMBER: US/10/024,298A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/314,385
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/278,641
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP254018/2001
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: JP0088912/2001
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP402288/2000
PRIOR FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens
US-10-024-298A-178

Query Match 100.0%; Score 170; DB 14; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MARGSLRRLRLVLGLWLALLRSVAGEQAPGTAP 35

RESULT 7
US-10-042-211A-178
Sequence 178, Application US/10042211A
Publication No. US20030170719A1
GENERAL INFORMATION:
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFkB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2000-402288
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP 2001-088912
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-254018
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US 60/278,640
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens
US-10-042-211A-178

Query Match 100.0%; Score 170; DB 14; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLALLRSVAGEQAPGTAP 35
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DB 1 MARGSLRRLRLVLGLWLALLRSVAGEQAPGTAP 35
|||||

RESULT 8
US-10-331-496A-37
Sequence 37, Application US/10331496A
Publication No. US20030228305A1
GENERAL INFORMATION:
APPLICANT: FRANTZ, GRETCHEN
APPLICANT: HILLMAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
APPLICANT: POLAKIS, PAUL
APPLICANT: SMITH, VICTORIA
APPLICANT: SPENCER, SUSAN D.
APPLICANT: WILLIAMS, P. MICKEY
APPLICANT: WU, THOMAS D.
APPLICANT: ZHANG, ZEMIN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF TUMOR
FILE REFERENCE: P5014R1-PCT
CURRENT APPLICATION NUMBER: US/10/331,496A
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
PRIOR FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: US 60/362,004
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/366,869
PRIOR FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: US 60/366,284
PRIOR FILING DATE: 2002-03-21

;; PRIOR APPLICATION NUMBER: US 60/368,679
;; PRIOR FILING DATE: 2002-03-28
;; PRIOR APPLICATION NUMBER: US 60/404,809
;; PRIOR FILING DATE: 2002-08-19
;; PRIOR APPLICATION NUMBER: US 60/405,645
;; PRIOR FILING DATE: 2002-08-21
;; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-331-496A-37

Query Match 100.0%; Score 170; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
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Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 9
US-10-295-027-444
; Sequence 444, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 444
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-444

Query Match 100.0%; Score 170; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;

Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 10
US-10-295-027-1305
; Sequence 1305, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1305
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-1305

Query Match 100.0%; Score 170; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
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Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 11
US-10-617-217A-178
; Sequence 178, Application US/10617217A
; Publication No. US20040081986A1
; GENERAL INFORMATION:
; APPLICANT: MATSUDA, Akio et al.
; TITLE OF INVENTION: NF-KB ACTIVATING GENE
; FILE REFERENCE: 1254-0229P

; CURRENT APPLICATION NUMBER: US/10/617,217A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-088912
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-254018
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/278,640
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 60/314,385
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-617-217A-178

Query Match 100.0%; Score 170; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
|||||
DB 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
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RESULT 12

US-10-898-575-4
; Sequence 4, Application US/10898575
; Publication No. US20050054047A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.

; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO MULTIMERIC AND OLIGOMERIC
; TITLE OF INVENTION: SOLUBLE FRAGMENTS OF THE TWEAK RECEPTOR
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: US 60/490,036
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-898-575-4

Query Match 100.0%; Score 170; DB 17; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
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DB 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
|||||

RESULT 13

US-10-626-686-16
; Sequence 16, Application US/10626686
; Publication No. US20050074842A1
; GENERAL INFORMATION:
; APPLICANT: Kato, Seishi
; APPLICANT: Sekine, Shingo
; APPLICANT: Kimura, Tomoko

; TITLE OF INVENTION: HUMAN PROTEINS HAVING TRANSMEMBRANE
; TITLE OF INVENTION: DOMAINS AND DNAS ENCODING THESE PROTEINS
; FILE REFERENCE: GIN-6706CPUS

; CURRENT APPLICATION NUMBER: US/10/626,686
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US/09/445,258A
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/02445
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: JP 9-144948
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-626-686-16

Query Match 100.0%; Score 170; DB 17; Length 129;
Best Local Similarity 100.0%; Pred. No. 3e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
|||||
DB 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
|||||

RESULT 14

US-10-351-334-284
; Sequence 284, Application US/10351334
; Publication No. US20040034196A1
; GENERAL INFORMATION:

; APPLICANT: Komatsoulis et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P2
; CURRENT APPLICATION NUMBER: US/10/351,334
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/350,898
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/489,847
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/US99/17130
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: 60/094,657
; PRIOR FILING DATE: 1998-07-30
; PRIOR APPLICATION NUMBER: 60/095,486
; PRIOR FILING DATE: 1998-08-05
; PRIOR APPLICATION NUMBER: 60/096,319
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: 60/095,454
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 60/095,455
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 284
; LENGTH: 155
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-351-334-284

Query Match 100.0%; Score 170; DB 15;
Best Local Similarity 100.0%; Pred. No. 3.6e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
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DB 1 MARGSLRRLLRLVLGLWLLALLRSVAGEQAPGTAP 35
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RESULT 15

US-10-351-334-228
; Sequence 228, Application US/10351334
; Publication No. US20040034196A1
; GENERAL INFORMATION:

APPLICANT: Komatsoulis et al
TITLE OF INVENTION: 98 Human Secreted Proteins
FILE REFERENCE: P2031P2
CURRENT APPLICATION NUMBER: US/10/351,334
CURRENT FILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: 60/350,898
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: 09/489,847
PRIOR FILING DATE: 2000-01-24
PRIOR APPLICATION NUMBER: PCT/US99/17130
PRIOR FILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: 60/094,657
PRIOR FILING DATE: 1998-07-30
PRIOR APPLICATION NUMBER: 60/095,486
PRIOR FILING DATE: 1998-08-05
PRIOR APPLICATION NUMBER: 60/096,319
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: 60/095,454
PRIOR FILING DATE: 1998-08-06
PRIOR APPLICATION NUMBER: 60/095,455
PRIOR FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 376
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 228
LENGTH: 156
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (156)
OTHER INFORMATION: Xaa equals stop translation
US-10-351-334-228

Query Match 100.0%; Score 170; DB 15; Length 156;
Best Local Similarity 100.0%; Pred. No. 3.6e-14;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MARGSLRRLRLGLVGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLGLVGLWLLALLRSVAGEQAPGTAP 35

Search completed: May 16, 2005, 09:53:25
Job time : 43.9825 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 16, 2005, 09:18:37 ; Search time 10.7456 Seconds
(without alignments)
243.143 Million cell updates/sec

Title: US-10-062-831-59_COPY_1_35

Perfect score: 170
Sequence: 1 MARGSLRLLRLVLGLMLALLRSVAGQAPGTAP 35

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/prodata/1/iaa/5A COMB.pcp.*
2: /cgn2_6/prodata/1/iaa/5B COMB.pcp.*
3: /cgn2_6/prodata/1/iaa/6A COMB.pcp.*
4: /cgn2_6/prodata/1/iaa/6B COMB.pcp.*
5: /cgn2_6/prodata/1/iaa/PCTUS COMB.pcp.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	170	100.0	112	4	US-09-489-847-139
2	170	100.0	114	4	US-09-690-454-59
3	170	100.0	129	4	US-09-883-777-4
4	170	100.0	129	4	US-09-949-016-6914
5	170	100.0	129	4	US-09-742-454A-4
6	170	100.0	155	4	US-09-489-847-284
7	170	100.0	156	4	US-09-489-847-228
8	170	100.0	300	4	US-09-883-777-9
9	170	100.0	309	4	US-09-883-777-7
10	170	100.0	309	4	US-09-742-454A-7
11	97	57.1	129	4	US-09-883-777-5
12	97	57.1	129	4	US-09-742-454A-5
13	54.5	32.1	1217	4	US-09-949-016-7892
14	54	31.8	300	4	US-09-254-465A-10
15	34	31.8	300	4	US-09-397-243D-12
16	54	31.8	300	4	US-09-953-499-10
17	53	31.2	38	4	US-09-471-276-1405
18	53	31.2	48	3	US-09-453-322B-14
19	52.5	30.9	680	4	US-09-489-039A-8422
20	52	30.6	108	4	US-09-513-999C-4205
21	52	30.6	510	4	US-09-893-737-84
22	52	30.6	598	4	US-09-252-991A-28599
23	52	30.6	957	4	US-09-949-016-6154
24	52	30.6	964	4	US-09-949-016-7431
25	51.5	30.3	422	4	US-09-902-540-11389
26	51	30.0	148	4	US-09-489-039A-11733
27	50.5	29.7	156	4	US-09-902-540-12764

28	50.5	29.7	432	3	US-08-702-665A-3	Sequence 3, Appli
29	50.5	29.7	441	3	US-09-151-102-4	Sequence 4, Appli
30	50.5	29.7	441	3	US-08-929-846-4	Sequence 4, Appli
31	50.5	29.7	441	4	US-08-663-584-4	Sequence 4, Appli
32	50	29.4	240	4	US-09-949-016-9266	Sequence 9266, Ap
33	50	29.4	386	3	US-09-321-981-5	Sequence 5, Appli
34	50	29.4	386	4	US-09-739-861A-5	Sequence 5, Appli
35	50	29.4	386	4	US-09-795-583-5	Sequence 5, Appli
36	49	28.8	427	4	US-09-550-645-2	Sequence 2, Appli
37	49	28.8	428	4	US-09-922-364A-32	Sequence 32, Appli
38	49	28.8	428	4	US-09-254-590-32	Sequence 32, Appli
39	49	28.8	428	4	US-10-115-415-32	Sequence 32, Appli
40	49	28.8	428	4	US-10-116-260-32	Sequence 32, Appli
41	49	28.8	428	4	US-10-115-671-32	Sequence 32, Appli
42	49	28.8	510	4	US-09-949-016-10021	Sequence 10021, A
43	49	28.8	1238	3	US-09-214-278-5	Sequence 5, Appli
44	49	28.8	1238	4	US-09-855-722-5	Sequence 5, Appli
45	49	28.8	1399	3	US-08-462-467B-14	Sequence 14, Appli

ALIGNMENTS

RESULT 1
US-09-489-847-139
; Sequence 139, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031PI
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 139
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-139

Query Match 100.0%; Score 170; DB 4; Length 112;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARGSLRLLRLVLGLMLALLRSVAGQAPGTAP 35
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Db 1 MARGSLRLLRLVLGLMLALLRSVAGQAPGTAP 35
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RESULT 2
US-09-690-454-59
; Sequence 59, Application US/09690454
; Patent No. 6531447
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/09/690,454
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144

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; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-09-690-454-59

Query Match          100.0%; Score 170; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 3
US-09-883-777-4
; Sequence 4, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-883-777-4

Query Match          100.0%; Score 170; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.2e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 4
US-09-949-016-6914
; Sequence 6914, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C0001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6914
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6914

Query Match          100.0%; Score 170; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.2e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 5
US-09-742-454A-4
; Sequence 4, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match          100.0%; Score 170; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.2e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35

RESULT 6
US-09-489-847-284
; Sequence 284, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
US-09-489-847-284

Query Match          100.0%; Score 170; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.2e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
Db 1 MARGSLRRLRLVLGLWLLALLRSVAGEQAPGTAP 35
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: TITLE OF INVENTION: 98 Human Secreted Proteins
: FILE REFERENCE: PZ031P1
: CURRENT APPLICATION NUMBER: US/09/489,847
: CURRENT FILING DATE: 2000-01-24
: EARLIER APPLICATION NUMBER: PCT/US99/17130
: EARLIER FILING DATE: 1999-07-29
: EARLIER APPLICATION NUMBER: 60/094,657
: EARLIER FILING DATE: 1998-07-30
: EARLIER APPLICATION NUMBER: 60/095,486
: EARLIER FILING DATE: 1998-08-05
: EARLIER APPLICATION NUMBER: 60/096,319
: EARLIER FILING DATE: 1998-08-12
: EARLIER APPLICATION NUMBER: 60/095,454
: EARLIER FILING DATE: 1998-08-06
: EARLIER APPLICATION NUMBER: 60/095,455
: EARLIER FILING DATE: 1998-08-06
: NUMBER OF SEQ ID NOS: 376
: SOFTWARE: Patentin Ver. 2.0
: SEQ ID NO 284
: LENGTH: 155
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-489-847-284

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Query Match      100.0%; Score 170; DB 4; Length 155;
Best Local Similarity 100.0%; Prod. No. 1.5e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARGSLRLRLVLVLGLWLLALLRSVAGEQAFGTAP 35
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Db 1 MARGSLRLRLVLVLGLWLLALLRSVAGEQAFGTAP 35
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```

RESULT 7
US-09-489-847-228
; Sequence 228, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031PA
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 228
; LENGTH: 156
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (156)
; OTHER INFORMATION: xaa equals stop translation
US-09-489-847-228

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Query Match 100.0%; Score 170; DB 4; Length 156;
Best Local Similarity 100.0%; Pred. No. 1.5e-16;
Matches 35; Conservative 0; Mismatches 0; Indels

Qy 1 MARGSLRRLRLVLGLWLLLRVAGEQPGTAP 35
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Db 1 MARGSURRLRLVLGLMALLRVSAGEQAPGTAP 35

RESULT 8

US-09-883-777-9

; Sequence 9, Application US/09883777

; Patent No. 6727225

; GENERAL INFORMATION:

; APPLICANT: Wiley, Steven R.

; TITLE OF INVENTION: TWEAK RECEPTOR

; FILE REFERENCE: 2968-C

; CURRENT APPLICATION NUMBER: US/09/883,777

; CURRENT FILING DATE: 2001-06-18

; PRIOR APPLICATION NUMBER: US 60/172,878

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: US 60/203,347

; PRIOR FILING DATE: 2000-05-10

; PRIOR APPLICATION NUMBER: PCT/US00/34755

; PRIOR FILING DATE: 2000-12-19

; PRIOR APPLICATION NUMBER: US 09/742,454

; PRIOR FILING DATE: 2000-12-19

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 9

; LENGTH: 300

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Human TWEAK receptor fusion p

US-09-883-777-9

Query Match	100.0%	Score 170;	DB 4;	Length 300;
Best Local Similarity	100.0%;	Pred. No. 3e-16;		
Matches 35; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy 1 MARGSRRLRLVLGIWLALLRSVAGEAPGTAP 35
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Db 1 MARGSRRLRLVLGIWLALLRSVAGEAPGTAP 35
|||

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RESULT 9
US-09-883-777-7
; Sequence 7, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIORITY APPLICATION NUMBER: US 60/172,878
; PRIORITY FILING DATE: 1999-12-20
; PRIORITY APPLICATION NUMBER: US 60/203,347
; PRIORITY FILING DATE: 2000-05-10
; PRIORITY APPLICATION NUMBER: PCT/US00/34755
; PRIORITY FILING DATE: 2000-12-19
; PRIORITY APPLICATION NUMBER: US 09/742,454
; PRIORITY FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human TWEAK receptor fusion protein construct
US-09-883-777-7

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Query Match      100.0%; Score 170; DB 4; Length 309;
Best Local Similarity 100.0%; Pred. No. 3.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 MARGSRRLRLLLVGLWLLLRVAGEQAPGTAP 35

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us-10-062-831-59_copy_1_35.ra

Mon May 16 10:34:31 2005

Db 1 MARGSLRLRLVGLWLLRSVAGEQAPGTAP 35
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RESULT 10
US-09-742-454A-7
; Sequence 7, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: human TWEAK
; OTHER INFORMATION: receptor fusion protein construct
US-09-742-454A-7

Query Match 100.0%; Score 170; DB 4; Length 309;
Best Local Similarity 100.0%; Pred. No. 3.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARGSLRLRLVGLWLLRSVAGEQAPGTAP 35
Db 1 MARGSLRLRLVGLWLLRSVAGEQAPGTAP 35
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RESULT 11
US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

Query Match 57.1%; Score 97; DB 4; Length 129;
Best Local Similarity 60.0%; Pred. No. 2.7e-06;
Matches 21; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 1 MARGSLRLRLVGLWLLRSVAGEQAPGTAP 35
Db 1 MARGSLRLVGLVGLVLMRAAAGEQAPGTSP 35
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RESULT 12
US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-742-454A-5

Query Match 57.1%; Score 97; DB 4; Length 129;
Best Local Similarity 60.0%; Pred. No. 2.7e-06;
Matches 21; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 1 MARGSLRLRLVGLWLLRSVAGEQAPGTAP 35
Db 1 MARGSLRLVGLVGLVLMRAAAGEQAPGTSP 35
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RESULT 13
US-09-949-016-7892
; Sequence 7892, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7892
; LENGTH: 1217
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7892

Query Match 32.1%; Score 54.5; DB 4; Length 1217;
Best Local Similarity 50.0%; Pred. No. 32;
Matches 14; Conservative 1; Mismatches 12; Indels 1; Gaps 1;

Qy 9 LRLVGLW-LALLRSVAGEQAPGTAP 35
Db 1184 LALLVGLVGLVGLVLMRAAAGEQAPGTSP 1211
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RESULT 14
US-09-254-465A-10
; Sequence 10, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman

; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
 ; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
 ; FILE REFERENCE: P1216R1(US)
 ; CURRENT APPLICATION NUMBER: US/09/254,465A
 ; CURRENT FILING DATE: 1999-03-05
 ; PRIOR APPLICATION NUMBER: PCT/US98/24855
 ; PRIOR FILING DATE: 1998-11-20
 ; PRIOR APPLICATION NUMBER: US 60/066,364
 ; PRIOR FILING DATE: 1997-11-21
 ; PRIOR APPLICATION NUMBER: US 60/078,936
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: PCT/US98/19437
 ; PRIOR FILING DATE: 1998-09-17
 ; NUMBER OF SEQ ID NOS: 30
 ; SEQ ID NO 10
 ; LENGTH: 300
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-254-465A-10

Query Match 31.8%; Score 54; DB 4; Length 300;
 Best Local Similarity 44.4%; Pred. No. 8.5;
 Matches 12; Conservative 2; Mismatches 13; Indels 0; Gaps 0;

QY 9 LRLVLGLWLLRSVAGEQAPGTAP 35
 DB 249 LIGLLIFGVWFAYSRYGYPETTKGTAP 275

RESULT 15
 US-09-397-243D-12
 ; Sequence 12, Application US/09397243D
 ; Patent No. 6699688
 ; GENERAL INFORMATION:
 ; APPLICANT: Kornecki, Elizabeth
 ; APPLICANT: Sobocka, Malgorzata B.
 ; TITLE OF INVENTION: Human Platelet F11 Receptor
 ; FILE REFERENCE: 011.00221
 ; CURRENT APPLICATION NUMBER: US/09/397,243D
 ; CURRENT FILING DATE: 1999-09-16
 ; PRIOR APPLICATION NUMBER: 60/100,638
 ; PRIOR FILING DATE: 1998-09-16
 ; NUMBER OF SEQ ID NOS: 27
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 300
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-397-243D-12

Query Match 31.8%; Score 54; DB 4; Length 300;
 Best Local Similarity 44.4%; Pred. No. 8.5;
 Matches 12; Conservative 2; Mismatches 13; Indels 0; Gaps 0;

QY 9 LRLVLGLWLLRSVAGEQAPGTAP 35
 DB 249 LIGLLIFGVWFAYSRYGYPETTKGTAP 275

Search completed: May 16, 2005, 09:46:53
 Job time : 10.7456 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 16, 2005, 09:26:36 ; Search time 42.9825 Seconds
(without alignments)
272.014 Million cell updates/sec

Title: us-10-062-831-59_COPY_36_70

Perfect score: 203

Sequence: 1 CSRGSSWSADLCKMDCASCARPHSDFCGCAA 35

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Searched: 1432185 seqs, 334051727 residues

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	203	100.0	114	14	US-10-062-831-59
2	203	100.0	114	14	Sequence 59, Appl
3	203	100.0	129	9	US-10-062-599-59
4	203	100.0	129	9	Sequence 59, Appl
5	203	100.0	129	9	US-09-742-454A-4
6	203	100.0	129	9	Sequence 4, Appl
7	203	100.0	129	9	US-09-883-777-4
8	203	100.0	129	9	Sequence 4, Appl
9	203	100.0	129	14	US-10-024-298A-178
10	203	100.0	129	14	Sequence 178, App
11	203	100.0	129	14	US-10-042-211A-178
12	203	100.0	129	15	Sequence 178, App
13	203	100.0	129	15	US-10-331-496A-37
14	203	100.0	129	15	Sequence 37, Appl
15	203	100.0	129	15	US-10-295-027-444
16	203	100.0	129	15	Sequence 444, App
17	203	100.0	129	15	US-10-295-027-1305
18	203	100.0	129	15	Sequence 1305, App
19	203	100.0	129	17	US-10-617-217A-178
20	203	100.0	129	17	Sequence 178, App
21	203	100.0	129	17	US-10-898-575-4
22	203	100.0	129	17	Sequence 4, Appl
23	203	100.0	129	17	US-10-626-686-16
24	203	100.0	275	17	Sequence 15, Appl

14	203	100.0	282	17	US-10-898-575-44
15	203	100.0	288	17	US-10-898-575-21
16	203	100.0	291	17	US-10-898-575-31
17	203	100.0	292	17	US-10-898-575-17
18	203	100.0	300	9	US-09-883-777-9
19	203	100.0	309	9	US-09-742-454A-7
20	203	100.0	309	9	US-09-883-777-7
21	203	100.0	309	17	US-10-898-575-7
22	203	100.0	322	17	US-10-898-575-19
23	203	100.0	329	17	US-10-898-575-23
24	203	100.0	335	17	US-10-898-575-33
25	203	100.0	339	17	US-10-898-575-18
26	203	100.0	361	17	US-10-898-575-11
27	203	100.0	362	17	US-10-898-575-9
28	203	100.0	370	17	US-10-898-575-25
29	203	100.0	379	17	US-10-898-575-35
30	203	100.0	411	17	US-10-898-575-27
31	203	100.0	413	17	US-10-898-575-13
32	203	100.0	423	17	US-10-898-575-37
33	203	100.0	452	17	US-10-898-575-29
34	203	100.0	467	17	US-10-898-575-39
35	203	100.0	511	17	US-10-898-575-41
36	203	100.0	555	17	US-10-898-575-43
37	190	93.6	129	9	US-09-742-454A-5
38	190	93.6	129	9	US-09-883-777-5
39	190	93.6	129	17	US-10-898-575-5
40	104.5	51.5	112	15	US-10-351-334-139
41	104.5	51.5	155	15	US-10-351-334-284
42	104.5	51.5	156	15	US-10-351-334-228
43	63.5	31.3	928	8	US-08-578-684-2
44	63.5	31.3	1005	15	US-10-029-020-83
45	60	29.6	403	15	US-10-094-886-136

ALIGNMENTS

RESULT 1

US-10-062-831-59
; Sequence 59, Application US/10062831
; Publication No. US20030105297A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/10/062,831
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/US98/10868
; PRIOR FILING DATE: May 28, 1998
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114

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; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-831-59

Query Match      100.0%; Score 203; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 2
US-10-062-599-59
; Sequence 59, Application US/10062599
; Publication No. US20030195346A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/10/062,599
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-599-59

Query Match      100.0%; Score 203; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 3
US-09-742-454A-4
; Sequence 4, Application US/09742454A
; Publication No. US20020110853A1
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-742-454A-4

Query Match      100.0%; Score 203; DB 9; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 4
US-09-883-777-4
; Sequence 4, Application US/09883777
; Patent No. US20020110853A1
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: homo sapiens
; US-09-883-777-4

Query Match      100.0%; Score 203; DB 9; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
   |||||
Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 5
US-10-024-298A-178
; Sequence 178, Application US/10024298A
; Publication No. US20030143540A1
; GENERAL INFORMATION:
; APPLICANT: ASAHU KASEI KABUSHIKI KAISHA
; APPLICANT: AKIO MATSUDA
; APPLICANT: GOICHI HONDA
; APPLICANT: SHUJI MURAMATSU
; APPLICANT: YUKIKO NAGANO
```

US-10-024-298A-178

TITLE OF INVENTION: NF-K B Activating Gene
FILE REFERENCE: 1254-0191P
CURRENT APPLICATION NUMBER: US/10/024,298A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/314,385
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/278,641
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP254018/2001
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: JP0088912/2001
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP402288/2000
PRIOR FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 182
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

Query Match 100.0%; Score 203; DB 14; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 35
|||||
DB 36 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 70

RESULT 6

US-10-042-211A-178

Sequence 178, Application US/10042211A
Publication No. US20030170719A1
GENERAL INFORMATION:
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFkB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2000-402288
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP 2001-088912
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-254018
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US 60/278,640
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 182
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

Query Match 100.0%; Score 203; DB 14; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 35
|||||
DB 36 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 70

RESULT 7

US-10-331-496A-37

Sequence 37, Application US/10331496A
Publication No. US20030228305A1
GENERAL INFORMATION:
APPLICANT: FRANTZ, GRETCHEN
APPLICANT: HILLAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
APPLICANT: POLAKIS, PAUL
APPLICANT: SMITH, VICTORIA
APPLICANT: SPENCER, SUSAN D.
APPLICANT: WILLIAMS, P. MICKEY
APPLICANT: WU, THOMAS D.
APPLICANT: ZHANG, ZEMIN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF TUMOR
FILE REFERENCE: P5014R1-PCT
CURRENT APPLICATION NUMBER: US/10/331,496A
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
PRIOR FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: US 60/362,004
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/366,869
PRIOR FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: US 60/366,284
PRIOR FILING DATE: 2002-03-21
PRIOR APPLICATION NUMBER: US 60/368,679
PRIOR FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/405,645
PRIOR FILING DATE: 2002-08-21
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 37
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

Query Match 100.0%; Score 203; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 35
|||||
DB 36 CSRGSWSADLDKCMDCASCARPHSDFCGCAAA 70

RESULT 8

US-10-295-027-444

Sequence 444, Application US/10295027
Publication No. US20030232350A1
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevezi, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733

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; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 444
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-444

Query Match      100.0%; Score 203; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGCAAA 70

RESULT 9
US-10-295-027-1305
; Sequence 1305, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
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; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1305
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-1305

Query Match      100.0%; Score 203; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGCAAA 35
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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGCAAA 70

RESULT 10
US-10-617-217A-178
; Sequence 178, Application US/10617217A
; Publication No. US20040081986A1
; GENERAL INFORMATION:
; APPLICANT: MATSUDA, Akio et al.
; TITLE OF INVENTION: NF-KB ACTIVATING GENE
; FILE REFERENCE: 1254-0229P
; CURRENT APPLICATION NUMBER: US/10/617,217A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-088912
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-254018
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/278,640
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 60/314,385
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-617-217A-178

Query Match      100.0%; Score 203; DB 15; Length 129;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGCAAA 35
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Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGCAAA 70

RESULT 11
US-10-898-575-4
; Sequence 4, Application US/10898575
; Publication No. US20050054047A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO MULTIMERIC AND OLIGOMERIC
; TITLE OF INVENTION: SOLUBLE FRAGMENTS OF THE TWEAK RECEPTOR
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575
; CURRENT FILING DATE: 2004-07-23
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Best Local Similarity 100.0%; Pred. No. 2.4e-16;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CSRGSSWSADLDKCMDCASCRARPHSDPCLGCAA 35
Db 27 CSRGSSWSADLDKCMDCASCRARPHSDPCLGCAA 61

Search completed: May 16, 2005, 09:53:26
Job time : 43.9825 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: May 16, 2005, 09:18:37 ; Search time 10.7456 Seconds
(without alignments)
243.143 Million cell updates/sec

Title: US-10-062-831-59_COPY_36_70

Perfect score: 203
Sequence: 1 CSRGSSWSADLKCMDASCARPHSDFCGCAAA 35

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	203	100.0	114	4	US-09-690-454-59
2	203	100.0	129	4	US-09-883-777-4
3	203	100.0	129	4	US-09-949-016-6914
4	203	100.0	129	4	US-09-742-454A-4
5	203	100.0	300	4	US-09-883-777-9
6	203	100.0	309	4	US-09-883-777-7
7	203	100.0	309	4	US-09-742-454A-7
8	190	93.6	129	4	US-09-883-777-5
9	190	93.6	129	4	US-09-742-454A-5
10	104.5	51.5	112	4	US-09-489-847-139
11	104.5	51.5	155	4	US-09-489-847-284
12	104.5	51.5	156	4	US-09-489-847-228
13	68	33.5	248	4	US-09-252-991A-29249
14	65	32.0	400	4	US-08-442-248-2
15	63.5	31.3	928	1	US-08-442-248-2
16	63.5	31.3	928	1	US-08-440-815-2
17	63.5	31.3	928	3	US-08-486-449-2
18	63.5	31.3	928	4	US-08-578-684-2
19	63.5	31.3	1005	2	US-08-469-537A-103
20	59.5	29.3	644	1	US-08-336-708A-9
21	59.5	29.3	1210	2	US-08-484-438-7
22	59.5	29.3	1210	2	US-08-475-035-4
23	59.5	29.3	1210	4	US-09-715-249-2
24	58.5	28.8	478	3	US-09-570-454-2
25	58.5	28.8	478	4	US-09-867-521-2
26	56	27.6	94	3	US-08-851-843A-215
27	56	27.6	94	3	US-08-974-549A-334

28	56	27.6	94	3	US-08-854-050-215	Sequence 215, App
29	56	27.6	94	3	US-09-430-323-215	Sequence 215, App
30	56	27.6	94	4	US-09-402-181B-334	Sequence 334, App
31	56	27.6	94	4	US-09-721-456-334	Sequence 334, App
32	55.5	27.3	953	4	US-09-751-389-7	Sequence 7, Appli
33	55.5	27.3	967	2	US-08-449-645A-30	Sequence 30, Appl
34	55.5	27.3	967	2	US-08-702-367A-30	Sequence 30, Appl
35	55.5	27.3	975	4	US-09-751-389-8	Sequence 8, Appli
36	55.5	27.3	991	2	US-08-449-645A-13	Sequence 13, Appl
37	55.5	27.3	991	2	US-08-702-367A-13	Sequence 13, Appl
38	55.5	27.3	991	5	PCT-US95-04681-13	Sequence 13, Appl
39	55	27.1	113	4	US-09-826-312A-8	Sequence 8, Appli
40	55	27.1	113	4	US-09-542-497A-8	Sequence 8, Appli
41	55	26.8	442	4	US-09-252-991A-30607	Sequence 30607, A
42	54.5	26.8	96	4	US-09-621-976-4327	Sequence 4327, Ap
43	54.5	26.8	126	4	US-09-621-976-6885	Sequence 6885, Ap
44	54.5	26.8	464	4	US-09-538-092-598	Sequence 598, App
45	54	26.6	204	4	US-09-252-991A-27153	Sequence 27153, A

ALIGNMENTS

RESULT 1
US-09-690-454-59
; Sequence 59, Application US/09690454
; Patent No. 6531447
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/09/690,454
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-09-690-454-59

Query Match 100.0%; Score 203; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 8.9e-18;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CSRGSSWSADLKCMDASCARPHSDFCGCAAA 35
Db 36 CSRGSSWSADLKCMDASCARPHSDFCGCAAA 70

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; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-742-454A-4

Query Match      100.0%; Score 203; DB 4; Length 129;
Best Local Similarity 100.0%; Pred. No. 1e-17;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 5
US-09-883-777-9
; Sequence 9, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human TWEAK receptor fusion protein construct
; US-09-883-777-9

Query Match      100.0%; Score 203; DB 4; Length 300;
Best Local Similarity 100.0%; Pred. No. 2.4e-17;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 35
Db 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCIGCAAA 70

RESULT 6
US-09-883-777-7
; Sequence 7, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
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; CURRENT APPLICATION NUMBER: US/09/883,777
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human TWEAK receptor fusion protein construct
US-09-883-777-7

Query Match          100.0%; Score 203; DB 4; Length 309;
Best Local Similarity 100.0%; Pred. No. 2.4e-17;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 35
DB 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 70

RESULT 7
US-09-742-454A-7
; Sequence 7, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: human TWEAK
; OTHER INFORMATION: receptor fusion protein construct
US-09-742-454A-7

Query Match          100.0%; Score 203; DB 4; Length 309;
Best Local Similarity 100.0%; Pred. No. 2.4e-17;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 35
DB 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 70

RESULT 8
US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
;

; CURRENT APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

Query Match          93.6%; Score 190; DB 4; Length 129;
Best Local Similarity 94.3%; Pred. No. 3.9e-16;
Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 35
DB 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 70

RESULT 9
US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-742-454A-5

Query Match          93.6%; Score 190; DB 4; Length 129;
Best Local Similarity 94.3%; Pred. No. 3.9e-16;
Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 35
DB 36 CSRGSSWSADLDKCMDCASCRCRPHSDFCGLGCAAA 70

RESULT 10
US-09-489-847-139
; Sequence 139, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319

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RESULT 14
US-09-252-991A-26145
; Sequence 26145, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND A
; TITLE OF INVENTION: AERUGINOSA FOR DIA
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252.9
; CURRENT FILING DATE: 1999-02-18

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Job time : 11.7456 secs

;; PRIOR APPLICATION NUMBER: US 60/074,788
;; PRIOR FILING DATE: 1998-02-18
;; PRIOR APPLICATION NUMBER: US 60/094,190
;; PRIOR FILING DATE: 1998-07-27
;; NUMBER OF SEQ ID NOS: 33142
;; SEQ ID NO 26145
;; LENGTH: 400
;; TYPE: PRT
;; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26145

Query Match 32.0%; Score 65; DB 4; Length 400;
Best Local Similarity 44.8%; Pred.No. 2.5;
Matches 13; Conservative 2; Mismatches 14; Indels 0; Gaps 0;

QY 5 SWSADLDKCMDCASCARPHSDFCLGCA 33
|:|:| ||| ||| |||
Db 69 SNWTATLSPTSTASCPRPMPHRCSCACCA 97

RESULT 15

US-08-442-248-2
; Sequence 2, Application US/08442248
; Patent No. 5759863
; GENERAL INFORMATION:
; APPLICANT: Caras, Ingrid W.
; APPLICANT: Winslow, John W.
; TITLE OF INVENTION: AL-1 Neurotrophic Factor
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,248
; FILING DATE: 15-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/330128
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: 920C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 928 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-442-248-2

Query Match 31.3%; Score 63.5; DB 1; Length 928;
Best Local Similarity 31.9%; Pred.No. 9;
Matches 15; Conservative 1; Mismatches 16; Indels 15; Gaps 2;

QY 1 CSRGSSWSADLDKCM-----DCASCR-----ARPHSDFCLGCG 32
|||:|:| ||| ||| |||
Db 278 CSAEGEVLVPIGCKMCKAGYEKNGTCQVCRPGFFKASPHSQTCSKC 324

Search completed: May 16, 2005, 09:46:54

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 16, 2005, 09:18:37 ; Search time 13.5088 Seconds
(without alignments)
243.143 Million cell updates/sec

Title: US-10-062-831-59_COPY_71_114
Perfect score: 235
Sequence: 1 PPAPFLLWPILGGALSLTF.....LSGFLVWRCRRSSPPPX 44

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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2: /cgn2_6/prodata/1/iaa/5B COMB.pep.*
3: /cgn2_6/prodata/1/iaa/6A COMB.pep.*
4: /cgn2_6/prodata/1/iaa/6B COMB.pep.*
5: /cgn2_6/prodata/1/iaa/PCTUS COMB.pep.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	235	100.0	114	4	US-09-690-454-59
2	199	84.7	129	4	US-09-883-777-4
3	199	84.7	129	4	US-09-949-016-6914
4	199	84.7	129	4	US-09-742-454A-4
5	164	69.8	129	4	US-09-883-777-5
6	164	69.8	129	4	US-09-742-454A-5
7	63	26.8	365	4	US-09-949-016-6907
8	63	26.8	391	4	US-09-949-016-7325
9	61	26.0	992	1	US-08-127-499A-1
10	61	26.0	992	1	US-08-482-847-1
11	60	25.5	309	4	US-09-883-777-7
12	60	25.5	309	4	US-09-742-454A-7
13	60	25.5	730	1	US-08-121-711D-58
14	60	25.5	730	1	US-08-835-268-58
15	60	25.5	730	2	US-09-060-692-58
16	60	25.5	730	3	US-08-833-391-58
17	60	25.5	730	3	US-09-060-610-58
18	60	25.5	730	5	PCT-US94-10151A-58
19	60	25.5	839	4	US-09-489-039A-13252
20	59.5	25.3	137	4	US-09-489-039A-11239
21	58.5	24.9	153	4	US-09-252-991A-18571
22	58.5	24.9	231	4	US-09-724-623-116
23	58.5	24.9	617	4	US-09-252-991A-29507
24	58	24.7	153	4	US-09-452-937A-30
25	57.5	24.5	256	4	US-09-071-035-300
26	57.5	24.5	284	4	US-09-071-035-298
27	57.5	24.5	284	4	US-09-933-999A-6

28	57.5	24.5	315	4	US-09-134-000C-6125	Sequence 6125, Ap
29	57.5	24.5	1006	4	US-09-949-016-7897	Sequence 7897, Ap
30	57.5	24.5	1445	1	US-08-015-986A-2	Sequence 2, Appli
31	57.5	24.5	1445	2	US-08-446-363-2	Sequence 2, Appli
32	57	24.3	153	4	US-09-252-991A-31363	Sequence 31363, A
33	57	24.3	652	2	US-08-751-305-2	Sequence 2, Appli
34	56	23.8	197	4	US-09-252-991A-30359	Sequence 30359, A
35	56	23.8	278	3	US-08-663-082-4	Sequence 4, Appli
36	56	23.8	402	4	US-09-252-991A-18195	Sequence 18195, A
37	56	23.8	403	4	US-09-252-991A-30953	Sequence 30953, A
38	56	23.8	483	4	US-09-543-681A-5752	Sequence 5752, Ap
39	56	23.8	488	4	US-09-949-016-9120	Sequence 9120, Ap
40	56	23.8	851	1	US-08-363-786-2	Sequence 2, Appli
41	56	23.8	851	2	US-08-852-091-2	Sequence 2, Appli
42	56	23.8	851	2	US-08-820-754-2	Sequence 2, Appli
43	56	23.8	851	3	US-08-956-652-2	Sequence 2, Appli
44	56	23.8	851	3	US-08-956-869-2	Sequence 2, Appli
45	56	23.8	851	3	US-09-012-710-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-09-690-454-59
; Sequence 59, Application US/09690454
; Patent No. 6531447
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006PFI
; CURRENT APPLICATION NUMBER: US/09/690,454
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-09-690-454-59

Query Match 100.0%; Score 235; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 8.1e-24;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 PPAPFLLWPILGGALSLTFVLGLSGFLVWRCRRSSPPPX 44
Db 71 PPAPFLLWPILGGALSLTFVLGLSGFLVWRCRRSSPPPX 114

Mon May 16 10:34:34 2005

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; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match      84.7%; Score 199; DB 4; Length 129;
Best Local Similarity 84.1%; Pred. No. 5.6e-19;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 44
DB 71 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 3
US-09-949-016-6914
; Sequence 6914, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6914
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6914

Query Match      84.7%; Score 199; DB 4; Length 129;
Best Local Similarity 84.1%; Pred. No. 5.6e-19;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 44
DB 71 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 4
US-09-742-454A-4
; Sequence 4, Application US/09742454A
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; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match      84.7%; Score 199; DB 4; Length 129;
Best Local Similarity 84.1%; Pred. No. 5.6e-19;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 44
DB 71 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114

RESULT 5
US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

Query Match      69.8%; Score 164; DB 4; Length 129;
Best Local Similarity 70.5%; Pred. No. 2.5e-14;
Matches 31; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY 1 PPAPFLLWPIILGGALSLTFVLGSLGFLVWRCRRSSPPPX 44
DB 71 PPAPFLLWPIILGGALSLVLLVLSVSSFLVWRCRRREKFTTPI 114

RESULT 6
US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
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; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-742-454A-5

Query Match      69.8%; Score 164; DB 4; Length 129;
Best Local Similarity 70.5%; Pred. No. 2.5e-14;
Matches 31; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY 1 PPAPFLLPILGGALSLT-FVLGSLSGFLVWRCRRERSPPPX 44
Db 71 PPAPFLLPILGGALSLVLVLVSSFLVWRCRRRREKFTTPI 114

RESULT 7
US-09-949-016-6907
; Sequence 6907, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6907
; LENGTH: 365
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6907

Query Match      26.8%; Score 63; DB 4; Length 365;
Best Local Similarity 45.9%; Pred. No. 2.1;
Matches 17; Conservative 5; Mismatches 13; Indels 2; Gaps 2;

QY 5 FRLLPILGGALSLT-FVLGSLSGFLVWRCRRERS 40
Db 220 FR-FWPFLLIIVLSALFLGTACFCVWRRKKEKQS 255

RESULT 8
US-09-949-016-7325
; Sequence 7325, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7325
; LENGTH: 391
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7325

Query Match      26.8%; Score 63; DB 4; Length 391;
Best Local Similarity 45.9%; Pred. No. 2.2;
Matches 17; Conservative 5; Mismatches 13; Indels 2; Gaps 2;

QY 5 FRLLPILGGALSLT-FVLGSLSGFLVWRCRRERS 40
Db 246 FR-FWPFLLIIVLSALFLGTACFCVWRRKKEKQS 281

RESULT 9
US-08-127-499A-1
; Sequence 1, Application US/08127499A
; Patent No. 5510264
; GENERAL INFORMATION:
; APPLICANT: VAN ALSTYNE, Diane
; APPLICANT: SHARMA, Lawrence Rajendra
; TITLE OF INVENTION: ANTIBODIES WHICH BIND MENINGITIS RELATED
; TITLE OF INVENTION: HOMOLOGOUS ANTIGENIC SEQUENCES
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/127,499A
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 51916/102/INBI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 992 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
US-08-127-499A-1

Query Match      26.0%; Score 61; DB 1; Length 992;
Best Local Similarity 38.8%; Pred. No. 12;
Matches 19; Conservative 6; Mismatches 16; Indels 8; Gaps 3;

QY 3 APFRLLPILGGALSL-----TFVLGSLSGFLVWRCRR--ERSPPPX 44
Db 518 SPASALWLATANALSLDHAFRAAVL-LVFWVLIFWVCRRACRRAPPPP 565

RESULT 10
US-08-482-847-1
; Sequence 1, Application US/08482847
; Patent No. 5556757
; GENERAL INFORMATION:
; APPLICANT: VAN ALSTYNE, Diane
; APPLICANT: SHARMA, Lawrence Rajendra
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;/ TITLE OF INVENTION: PEPTIDES REPRESENTING EPITOPIC SITES FOR
;/ TITLE OF INVENTION: BACTERIAL AND VIRAL MENINGITIS CAUSING AGENTS AND THEIR
;/ TITLE OF INVENTION: CNS CARRIER, ANTIBODIES THERETO, AND USES THEREOF
;/ NUMBER OF SEQUENCES: 40
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Foley & Lardner
;/ STREET: 3000 K Street, N.W., Suite 500
;/ CITY: Washington
;/ STATE: D.C.
;/ COUNTRY: USA
;/ ZIP: 20007-5109

;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ OPERATING SYSTEM: IBM PC compatible
;/ SOFTWARE: PatentIn Release #1.0, Version #1.30
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/482,847
;/ FILING DATE: 07-JUN-1995
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US 08/127,499
;/ FILING DATE: 28-SEP-1993
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: BENT, Stephen A.
;/ REGISTRATION NUMBER: 29,768
;/ REFERENCE/DOCKET NUMBER: 51916/104/INBI
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (202)672-5300
;/ TELEFAX: (202)672-5399
;/ TELEX: 904136

;/ INFORMATION FOR SEQ ID NO: 1:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 992 amino acids
;/ TYPE: amino acid
;/ STRANDEDNESS:
;/ TOPOLOGY: unknown
;/ US-08-482-847-1
;/

Query Match 26.0%; Score 61; DB 1; Length 992;
Best Local Similarity 38.8%; Pred. No. 12;
Matches 19; Conservative 6; Mismatches 16; Indels 8; Gaps 3;
QY 3 APPRLLPILGGALSL-----TFVLGLLSGFLVWRCRR--ERSPPXPX 44
Db 518 SPASALWLANALSLDHAFAPVL-LVPEVLIIFWVCRACRRPAPPP 565

RESULT 11
US-09-883-777-7
; Sequence 7, Application US/09883777
; Patent No. 6727225
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:

;/ OTHER INFORMATION: Human TWEAK receptor fusion protein construct
US-09-883-777-7

Query Match 25.5%; Score 60; DB 4; Length 309;
Best Local Similarity 31.0%; Pred. No. 4.3;
Matches 13; Conservative 2; Mismatches 5; Indels 22; Gaps 1;

QY 1 PPAPFRLLPILGGALSLTFVLGLLSGFLVWRCRRERSPP 42
Db 71 PPAPFRLP-----WRSCDKTHTCPP 90

RESULT 12
US-09-742-454A-7
; Sequence 7, Application US/09742454A
; Patent No. 6824773
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 309
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: human TWEAK
; OTHER INFORMATION: receptor fusion protein construct
US-09-742-454A-7

Query Match 25.5%; Score 60; DB 4; Length 309;
Best Local Similarity 31.0%; Pred. No. 4.3;
Matches 13; Conservative 2; Mismatches 5; Indels 22; Gaps 1;

QY 1 PPAPFRLLPILGGALSLTFVLGLLSGFLVWRCRRERSPP 42
Db 71 PPAPFRLP-----WRSCDKTHTCPP 90

RESULT 13
US-08-121-713D-58
; Sequence 58, Application US/08121713D
; Patent No. 5639856
; GENERAL INFORMATION:
; APPLICANT: Goodman, Corey S.
; APPLICANT: Kolodkin, Alex L.
; APPLICANT: Matthes, David
; APPLICANT: Bentley, David R.
; APPLICANT: O'Connor, Timothy
; TITLE OF INVENTION: The Semaphorin Gene Family
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 268 Bush Street, Suite 3200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/121,713D
; FILING DATE: 13-SEP-1993


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; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A.
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: B94-002-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)343-4341
; TELEFAX: (415) 343-4342
; TELEX:
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 730 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-121-713D-58

Query Match 25.5%; Score 60; DB 1; Length 730;
Best Local Similarity 48.4%; Pred. No. 11;
Matches 15; Conservative 4; Mismatches 8; Indels 4; Gaps 1;

OY 14 GALSITFVLGLLSGFLVWRCRRERSPPPX 44
Db 639 GAL-----VVGFIISGFLFSRCRGEDYTDMPF 665

RESULT 14
US-08-835-268-58
; Sequence 58, Application US/08835268
; Patent No. 5807826
; GENERAL INFORMATION:
; APPLICANT: Goodman, Corey S.
; APPLICANT: Kolodkin, Alex L.
; APPLICANT: Matthes, David
; APPLICANT: Bentley, David R.
; APPLICANT: O'Connor, Timothy
; TITLE OF INVENTION: The Semaphorin Gene Family
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 268 Bush Street, Suite 3200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/835,268
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/121,713
; FILING DATE: 13-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A.
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: B94-002-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)343-4341
; TELEFAX: (415) 343-4342
; TELEX:
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 730 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-835-268-58

Query Match 25.5%; Score 60; DB 1; Length 730;
Best Local Similarity 48.4%; Pred. No. 11;
Matches 15; Conservative 4; Mismatches 8; Indels 4; Gaps 1;

OY 14 GALSITFVLGLLSGFLVWRCRRERSPPPX 44
Db 639 GAL-----VVGFIISGFLFSRCRGEDYTDMPF 665

RESULT 14
US-08-835-268-58
; Sequence 58, Application US/08835268
; Patent No. 5807826
; GENERAL INFORMATION:
; APPLICANT: Goodman, Corey S.
; APPLICANT: Kolodkin, Alex L.
; APPLICANT: Matthes, David
; APPLICANT: Bentley, David R.
; APPLICANT: O'Connor, Timothy
; TITLE OF INVENTION: The Semaphorin Gene Family
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 268 Bush Street, Suite 3200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/835,268
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/121,713
; FILING DATE: 13-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A.
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: B94-002-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)343-4341
; TELEFAX: (415) 343-4342
; TELEX:
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 730 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-835-268-58
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Query Match 25.5%; Score 60; DB 1; Length 730;
Best Local Similarity 48.4%; Pred. No. 11;
Matches 15; Conservative 4; Mismatches 8; Indels 4; Gaps 1;

OY 14 GALSITFVLGLLSGFLVWRCRRERSPPPX 44
Db 639 GAL-----VVGFIISGFLFSRCRGEDYTDMPF 665

RESULT 15
US-09-060-692-58
; Sequence 58, Application US/09060692
; Patent No. 5935865
; GENERAL INFORMATION:
; APPLICANT: Goodman, Corey S.
; APPLICANT: Kolodkin, Alex L.
; APPLICANT: Matthes, David
; APPLICANT: Bentley, David R.
; APPLICANT: O'Connor, Timothy
; TITLE OF INVENTION: The Semaphorin Gene Family
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 268 Bush Street, Suite 3200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,692
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/121,713
; FILING DATE: 13-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard A.
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: B94-002-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)343-4341
; TELEFAX: (415) 343-4342
; TELEX:
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 730 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-060-692-58

Query Match 25.5%; Score 60; DB 2; Length 730;
Best Local Similarity 48.4%; Pred. No. 11;
Matches 15; Conservative 4; Mismatches 8; Indels 4; Gaps 1;

OY 14 GALSITFVLGLLSGFLVWRCRRERSPPPX 44
Db 639 GAL-----VVGFIISGFLFSRCRGEDYTDMPF 665

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Job time : 15.5088 secs
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GenCore version 5.1.1.6
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OM protein - protein search, using sw model

Run on: May 16, 2005, 09:26:36 ; Search time 54.0351 Seconds
(without alignments)
272.014 Million cell updates/sec

Title: US-10-062-831-59_COPY_71_114

Perfect score: 235

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Total number of hits satisfying chosen parameters: 1432185

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	235	100.0	114	14	US-10-062-599-59
3	199	84.7	129	9	US-09-742-454A-4
4	199	84.7	129	9	US-09-883-777-4
5	199	84.7	129	14	US-10-024-298A-178
6	199	84.7	129	14	US-10-042-211A-178
7	199	84.7	129	15	US-10-331-496A-37
8	199	84.7	129	15	US-10-295-027-444
9	199	84.7	129	15	US-10-295-027-1305
10	199	84.7	129	15	US-10-617-217A-178
11	199	84.7	129	17	US-10-898-575-4
12	199	84.7	129	17	US-10-626-686-16
13	164	69.8	129	9	US-09-742-454A-5

14	164	69.8	129	9	US-09-883-777-5	Sequence 5, Appli
15	164	69.8	129	17	US-10-898-575-5	Sequence 5, Appli
16	70	29.8	361	17	US-10-898-575-11	Sequence 11, Appl
17	70	29.8	413	17	US-10-898-575-13	Sequence 13, Appl
18	67	28.5	426	15	US-10-257-174-44	Sequence 44, Appl
19	67	28.5	426	15	US-10-343-357-6	Sequence 6, Appli
20	65.5	27.9	362	17	US-10-898-575-9	Sequence 9, Appli
21	64.5	27.4	742	15	US-10-282-122A-48721	Sequence 48721, A
22	63	26.8	365	10	US-09-860-836B-5	Sequence 5, Appli
23	63	26.8	365	14	US-10-436-523-59	Sequence 59, Appl
24	63	26.8	368	9	US-09-768-703-2	Sequence 2, Appli
25	63	26.8	368	10	US-09-875-076-6	Sequence 6, Appli
26	63	26.8	368	10	US-09-876-252-6	Sequence 6, Appli
27	63	26.8	368	14	US-10-225-567A-627	Sequence 627, App
28	63	26.8	368	14	US-10-220-382-4	Sequence 4, Appli
29	63	26.8	368	14	US-10-272-983-6	Sequence 3, Appli
30	63	26.8	368	14	US-10-312-094-3	Sequence 3, Appli
31	63	26.8	368	14	US-10-393-807-6	Sequence 6, Appli
32	63	26.8	368	15	US-10-417-820A-6	Sequence 6, Appli
33	63	26.8	368	15	US-10-343-650A-60	Sequence 60, Appl
34	63	26.8	368	16	US-10-723-955-6	Sequence 6, Appli
35	63	26.8	368	16	US-10-782-596-6	Sequence 6, Appli
36	63	26.8	391	15	US-10-264-049-2579	Sequence 2579, Ap
37	62.5	26.6	343	9	US-09-879-017-2	Sequence 2, Appli
38	62.5	26.6	647	16	US-10-437-963-154909	Sequence 154909,
39	62	26.4	252	15	US-10-243-552-454	Sequence 454, App
40	62	26.4	514	15	US-10-336-472-56	Sequence 56, Appl
41	62	26.4	544	14	US-10-067-668-8	Sequence 8, Appli
42	62	26.4	544	14	US-10-175-696-8	Sequence 8, Appli
43	62	26.4	544	14	US-10-257-378-17	Sequence 17, Appl
44	62	26.4	544	16	US-10-343-593-19	Sequence 19, Appl
45	62	26.4	544	16	US-10-776-871-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1

US-10-062-831-59
; Sequence 59, Application US/10062831
; Publication No. US20030105297A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: PZ006P1
; CURRENT APPLICATION NUMBER: US/10/062,831
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/US98/10868
; PRIOR FILING DATE: May 28, 1998
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114

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; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-831-59

Query Match      100.0%; Score 235; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 8.7e-20;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 71 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114

RESULT 2
US-10-062-599-59
; Sequence 59, Application US/10062599
; Publication No. US20030195346A1
; GENERAL INFORMATION:
; APPLICANT: Steven M. Ruben, et al.
; TITLE OF INVENTION: 32 Human Secreted Proteins
; FILE REFERENCE: P2006P1
; CURRENT APPLICATION NUMBER: US/10/062,599
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 09/690,454
; PRIOR FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 09/189,144
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/044,039
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,093
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (114)
; OTHER INFORMATION: Xaa equals stop translation
US-10-062-599-59

Query Match      100.0%; Score 235; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 8.7e-20;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 44
   |||||||||||||||||||||||||||||||||||||||
DB 71 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114

RESULT 3
US-09-742-454A-4
; Sequence 4, Application US/09742454A
```

```
; Patent No. US20020041876A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-742-454A-4

Query Match      84.7%; Score 199; DB 9; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 44
   |||||||||||||||||||||||||||||||||||||||
DB 71 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114

RESULT 4
US-09-883-777-4
; Sequence 4, Application US/09883777
; Patent No. US20020110853A1
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 129
; TYPE: PRT
; ORGANISM: homo sapiens
; ORGANISM: homo sapiens
US-09-883-777-4

Query Match      84.7%; Score 199; DB 9; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 44
   |||||||||||||||||||||||||||||||||||||||
DB 71 PPAPFRLWPILGGALSLTFVLGSLGFLVWRCRRRSSPPPX 114

RESULT 5
US-10-024-298A-178
; Sequence 178, Application US/10024298A
; Publication No. US20030143540A1
; GENERAL INFORMATION:
; APPLICANT: ASAH KASEI KABUSHIKI KAISHA
; APPLICANT: AKIO MATSUDA
; APPLICANT: Goichi HONDA
; APPLICANT: Shuji MURAMATSU
; APPLICANT: Yukiko NAGANO
```

US-10-024-298A-178

Query Match 84.7%; Score 199; DB 14; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
|||||
DB 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114
|||||

RESULT 6

US-10-042-211A-178

Sequence 178, Application US/10042211A
Publication No. US20030170719A1
GENERAL INFORMATION:
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFkB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2000-402288
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP 2001-089912
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-254018
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US 60/278,640
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 182
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

US-10-024-298A-178

Query Match 84.7%; Score 199; DB 14; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
|||||
DB 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114
|||||

US-10-042-211A-178

Sequence 178, Application US/10042211A
Publication No. US20030170719A1
GENERAL INFORMATION:
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFkB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2000-402288
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP 2001-089912
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-254018
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US 60/278,640
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 182
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 178
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

US-10-042-211A-178

Query Match 84.7%; Score 199; DB 14; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
|||||
DB 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114
|||||

RESULT 7

US-10-331-496A-37

Sequence 37, Application US/10331496A
Publication No. US20030228305A1
GENERAL INFORMATION:
APPLICANT: FRANTZ, GRETCHEN
APPLICANT: HILLAN, KENNETH J.
APPLICANT: PHILLIPS, HEIDI S.
APPLICANT: POLAKIS, PAUL
APPLICANT: SMITH, VICTORIA
APPLICANT: SPENCER, SUSAN D.
APPLICANT: WILLIAMS, P. MICKEY
APPLICANT: WU, THOMAS D.
APPLICANT: ZHANG, ZEMIN
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF TUMOR
FILE REFERENCE: P5014R1-PCT
CURRENT APPLICATION NUMBER: US/10/331,496A
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 60/345,444
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/351,885
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/360,066
PRIOR FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: US 60/362,004
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/366,869
PRIOR FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: US 60/366,284
PRIOR FILING DATE: 2002-03-21
PRIOR APPLICATION NUMBER: US 60/368,679
PRIOR FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/405,645
PRIOR FILING DATE: 2002-08-21
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 37
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens

US-10-331-496A-37

Query Match 84.7%; Score 199; DB 15; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
|||||
DB 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRREKFTTPI 114
|||||

US-10-295-027-444

Sequence 444, Application US/10295027
Publication No. US20030232350A1
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevezi, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733

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; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 444
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-444

Query Match      84.7%; Score 199; DB 15; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
   |||||
Db 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRREREKFTTPI 114
   |||||

RESULT 9
US-10-295-027-1305
; Sequence 1305, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
```

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; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1305
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-1305

Query Match      84.7%; Score 199; DB 15; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
   |||||
Db 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRREREKFTTPI 114
   |||||

RESULT 10
US-10-617-217A-178
; Sequence 178, Application US/10617217A
; Publication No. US20040081986A1
; GENERAL INFORMATION:
; APPLICANT: WATSUDA, Akio et al.
; TITLE OF INVENTION: NF-KB ACTIVATING GENE
; FILE REFERENCE: 1254-0229P
; CURRENT APPLICATION NUMBER: US/10/617,217A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: JP 2000-402288
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-088912
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-254018
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/258,315
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/278,640
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 60/314,385
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 178
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-617-217A-178

Query Match      84.7%; Score 199; DB 15; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRRERSPPPX 44
   |||||
Db 71 PPAPFLLWPILGGALSLTFVLGSLGFLVWRCRREREKFTTPI 114
   |||||

RESULT 11
US-10-898-575-4
; Sequence 4, Application US/10898575
; Publication No. US20050054047A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO MULTIMERIC AND OLIGOMERIC
; FILE OF INVENTION: SOLUBLE FRAGMENTS OF THE TWEAK RECEPTOR
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575
; CURRENT FILING DATE: 2004-07-23
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; PRIOR APPLICATION NUMBER: US 60/490,036
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 129
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-898-575-4

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Query Match 84.7%; Score 199; DB 17; Length 129;
Best Local Similarity 84.1%; Pred. No. 1.5e-15;
Matches 37; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 PPAPFRLLWPILGGALSITFVLGSLSGFLVWRRRCRRERSPPPX 44
| | | | | | | | | | | | | | | | :
Db 71 PPAPFRLLWPILGGALSITFVLGSLSGFLVWRRRCRRERKFTPI 114

RESULT 12

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US-10-626-686-16
; Sequence 16, Application US/10626686
; Publication No. US20050074842A1
; GENERAL INFORMATION:
; APPLICANT: Kato, Seishi
; APPLICANT: Sekine, Shingo
; APPLICANT: Kimura, Tomoko
; TITLE OF INVENTION: HUMAN PROTEINS HAVING TRANSMEMBRANE
; TITLE OF INVENTION: DOMAINS AND DNAS ENCODING THESE PROTEINS
; FILE REFERENCE: GIN-6706CPUS
; CURRENT APPLICATION NUMBER: US/10/626,686
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US/09/445,259A
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/02445
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: JP 9-144948
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-626-686-16

```

Query Match	84.7%;	Score 199;	DB 17;	Length 129;
Best Local Similarity	84.1%;	Pred. NO. 1.5e-15;		
Matches 37;	Conservative	1;	Mismatches. 6;	Indels 0; Gaps 0;

Qy 1 PPAPRLLWPILGGALSLTFVLGLLSGFLVWRRRRRERSPPPX 44
 |||||
 Db 71 PPAPRLLWPILGGALSLTFVLGLLSGFLVWRRRRRREKFTPI 114
 |||||

RESULT 13

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US-09-742-454A-5
; Sequence 5, Application US/09742454A
; Patent No. US20020041876A1
; GENERAL INFORMATION:
; APPLICANT: WILEY, Steven R.
; TITLE OF INVENTION: TWEAK Receptor
; FILE REFERENCE: 2968-B
; CURRENT APPLICATION NUMBER: US/09/742,454A
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: 60/203,347
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 5
; LENGTH: 129

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; TYPE: PRT
 ; ORGANISM: Mus sp.
 US-09-742-454A-5

Query Match 69.8%; Score 164; DB 9; Length 129;
Best Local Similarity 70.5%; Pred. No. 1.8e-11;
Matches 31; Conservative 2; Mismatches 11; Indels 0; Gaps 0

Qy 1 PPAPFRLLWPILGGALSLTFLVGLLSGFLVWRRCRRRSSPPPX 44
||| ||||| ||||| ||| : ||||| ||| :
Db 71 PPAHFRLLWPILGGALSLVLALVSSFLVWRRCRREKFTTPI 11

RESULT 14

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US-09-883-777-5
; Sequence 5, Application US/09883777
; Patent No. US2020110853A1
; GENERAL INFORMATION:
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: TWEAK RECEPTOR
; FILE REFERENCE: 2968-C
; CURRENT APPLICATION NUMBER: US/09/883,777
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/172,878
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 60/203,347
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: PCT/US00/34755
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: US 09/742,454
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-883-777-5

```

Query Match 69.8%; Score 164; DB 9; Length 129;
Best Local Similarity 70.5%; Pred. NO. 1.8e-11;
Matches 31; Conservative 2; Mismatches 11; Indels 0; Gaps 0

Qy 1 PPAPFRLWPILGGALSITFVLGLLSGFLVWRRCCRERSPPPX 44
||| ||| ||| ||| ||| : ||| ||| :
db 71 PPAHFRLWPILGGALSIVLALVSSFLVWRRCCRREKFTPI 114

RESULT 15

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RESUMI 13
US-10-898-575-5
; Sequence 5, Application US/10898575
; Publication No. US2005005407A1
; GENERAL INFORMATION:
; APPLICANT: AMGEN INC.
; APPLICANT: Wiley, Steven R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS
; OF PREPARATION OF SOLUBLE FRAGMENTS OF
; A POLYPEPTIDE
; FILE REFERENCE: 3430-A
; CURRENT APPLICATION NUMBER: US/10/898,575/5
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: US 60/490,036
; PRIOR FILING DATE: 2003-07-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-898-575-5

```

Query Match 69.8%; Score 164; DB 17; Length 129;
Best Local Similarity 70.5%; Pred. No. 1.8e-11;
Matches 31; Conservative 2; Mismatches 11; Indels 0; Gaps 0

Qy 1 PPAFFRLWPILGGALSITFVLGLSGFLVWRCRRERSPPPX 44
Db 71 PPAFFRLWPILGGALSITFVLGLSGFLVWRCRRERSPPPX 114

Search completed: May 16, 2005, 09:53:27
Job time : 55.0351 secs